



DOCKET NO.: MSFT-1748/302722.01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

J. Patrick Thompson, et al.

Confirmation No.: 1588

Application No.: 10/647,058

Group Art Unit: 2651

Filing Date: August 21, 2003

Examiner: Not Yet Assigned

For: **SYSTEMS AND METHODS FOR REPRESENTING UNITS OF
INFORMATION MANAGEABLE BY A HARDWARE/SOFTWARE
INTERFACE SYSTEM BUT INDEPENDENT OF PHYSICAL
REPRESENTATION**

DATE OF DEPOSIT:

2/5/04

I HEREBY CERTIFY THAT THIS PAPER IS BEING
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David M. DeSanto

TYPED NAME: David DeSanto

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).



In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;
or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☒ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☒ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

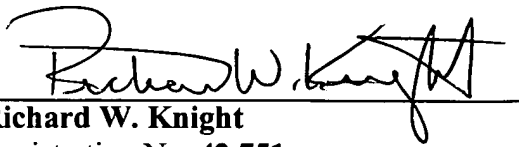
- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
 - ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. , filed .

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date:

2/5/04


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Sheet 1 of 2

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. MSFT-1748/302722.01		Application No. 10/647,058	
	Applicant J. Patrick Thompson, et al.			
	Filing Date August 21, 2003		Group 2651	
	Confirmation No. 1588			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
	1	D'Andrea, A. et al., "Unisql's Next-Generation Object-Relational Database Management System", <i>ACM SIGMOD Record</i> , September 1996, 25(2), 70-76		
EXAMINER		DATE CONSIDERED		



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. MSFT-1748/302722.01	Application No. 10/647,058
	Applicant J. Patrick Thompson, et al.	
	Filing Date August 21, 2003	Group 2651
	Confirmation No. 1588	

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	2	2002/0198891 A1	12/26/02	Li, et al.	707	102
	3	2002/0091702 A1	07/11/02	Mullins	707	100
	4	5,900,870	05/04/99	Malone, et al.	345	333
	5	6,047,291	04/04/00	Anderson, et al.	707	103
	6	6,108,004	08/22/00	Medl	345	346
	7	6,112,024	08/29/00	Almond, et al.	395	703
	8	6,199,195 B1	03/06/01	Goodwin, et al.	717	1
	9	6,338,056 B1	01/08/02	Dessloch, et al.	707	2
	10	6,370,541 B1	04/09/02	Chou, et al.	707	103
	11	6,519,597 B1	02/11/03	Cheng, et al.	707	10
	12	6,556,983 B1	04/29/03	Altschuler, et al.	706	55
	13	6,578,046 B2	06/10/03	Chang, et al.	707	103

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
EXAMINER				DATE CONSIDERED		